

LIST OF PRIOR ART CITED BY APPLICANT

Sheet 1 of 2

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gw	AA	5,141,873	Aug. 25, 1992	Steudle, et al.	436	148	
am	AB	5,665,065	Sept. 9, 1997	Colman, Fredric	604	66	
am	AC	5,967,975	Oct. 19, 1999	Ridgeway, Donald G.	600	300	
am	AD	6,102,856	Aug. 15, 2000	Groff, Clarence	600	301	
am	AE	6,113,539	Sept. 5, 2000	Ridenour, Ken	600	300	
am	AF	6,150,942	Nov. 21, 2000	O'Brien	340	573.1	
am	AG	6,198,394	Mar. 6, 2001	Jacobsen, et al.	340	573.1	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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am	AI		ALLCOCK, H. R., "Synthesis and Characterization of pH-Sensitive Poly(organophosphazene) Hydrogels," Biomaterials , 1996, pg. 2295-2302, vol. 17.
am	AJ		BOUIN, J.C., "Relative Efficiencies of a Soluble and Immobilized Two-Enzyme System of Glucose Oxidase and Catalase," Biochim. Biophys. Acta , 1976, pg. 23-36, vol. 438.
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am	AM		CHRISTAKIS, O.M., "On the Mechanism of Immobilized Glucose Oxidase Deactivation by Hydrogel Peroxide," Biotechnol. Bioeng. , 1982, pg. 2419-2439, vol. 21.
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am	AP		GOUGH, D.A., "Two-Dimensional Enzyme Electrode Sensor for Glucose," Anal. Chem. , 1985, pg. 2351-2357, vol. 57.
am	AR		GOUGH, D.A., "Progress Toward a Potentially Implantable, Enzyme-Based Glucose Sensor," Diabetes Care , 1982, pg. 190-198, vol. 5.
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am	AT		ISHIHARA, K., "Control of Insulin Permeation through a Polymer Membrane With Responsive Function for Glucose," Macrol. Chem. Rapid Commun. , 1983, pg. 327-331, vol. 4.
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AW	KIM, S. W., "Hydrogels: Swelling, Drug Loading, and Release," <i>Pharm. Res.</i> , 1992, pg. 283-290, vol. 9.
AX	KLUMB, L.A., "Design of Insulin Delivery Devices Based on Glucose Sensitive Membranes," <i>J. Controlled Release</i> , 1992, pg. 59-79, vol. 18.
AY	KOST, J., "Glucose-Sensitive Membranes Containing Glucose Oxidase: Activity, Swelling and Permeability Studies," <i>Biomed. Mater. Res.</i> , 1985, pg. 1117-1133, vol. 19.
AZ	KRYSTEVA, M.A., "Multienzyme Membranes for Biosensors," <i>J. Chem. Tech, Biotech.</i> , 1992, pg. 13-18, vol. 54.
BA	OWUSU, R.K., "Flow Microcalorimetric Study of Immobilized Enzyme Kinetics Using the Co-Immobilized Glucose Oxidase-Catalase System," <i>Biochim. Biophys. Acta</i> , 1986, pg. 83-91, vol. 872.
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BC	PRENOSIL, J.E., "Immobilized Glucose Oxidase-Catalase and Their Deactivation in a Differential-Bed Loop Reactor," <i>Biotechnol. Bioeng.</i> , 1979, pg. 89-109, vol. 21.
BC	RAO, J.K., "Implantable Controlled Delivery Systems for Proteins Based on Collagen-pHEMA Hydrogels," <i>Biomaterials</i> , 1994, pg. 383-389, vol. 16.
BD	REACH, G., "Can Continuous Glucose Monitoring Be Used for the Treatment of Diabetes," <i>Anal. Chem.</i> , 1992, pg. 381-386, vol. 64.
BE	SATO, S., "Self-Regulating Insulin Delivery Systems," <i>J. Controlled Release</i> , 1984, pg. 67-77, vol. 1.
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BH	SIEGEL, R.A., "pH-Dependent Equilibrium Swelling Properties of Hydrophobic Polyelectrolyte Copolymer Gels," <i>Macromolecules</i> , 1988, pg. 3254-3259, vol. 21.
BI	TEIJON, J.M., "Cytarabine Trapping in Poly(2 hydroxyethyl methacrylate) Hydrogels: Drug Delivery Studies," <i>Biomaterials</i> , 1997, pg. 383-388, vol. 18.
BJ	VAKKALANKA, S.K., "Temperature- and pH-sensitive Terpolymers for Modulated Delivery of Streptokinase," <i>J. Biomater. Poly. Sci.</i> , 1996, pg. 119-129, ed. 8.
BK	WASSERMAN, B.P., "High-Yield Method for Immobilization of Enzymes," <i>Biotechnol Bioeng.</i> , 1980, pg. 271-287, vol. 22.
BL	WILKINS, E.S., "Towards Implantable Glucose Sensors: A Review," <i>J. Biomed. Eng.</i> , 1989, pg. 354-361, vol. 11.
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 1

Application Number

09/824,552

Filing Date

April 2, 2001

First Named Inventor

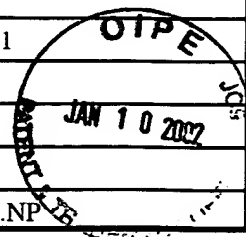
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Group Art Unit

Examiner Name

Attorney Docket

1527.MBIO.NP



U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>am</i>	AA	4,655,880	Apr. 7, 1987	Liu	<i>2.04</i>	<i>128</i>	
<i>am</i>	AB	5,431,160	Jul. 11, 1995	Wilkins			
	AC						
	AD						
	AE						
	AF						
	AG						

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>am</i>	AH	WO 99/17095	8 April 1999	European			

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	AI		
	AJ		

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